

WHAT IS CLAIMED IS:

1. A bathroom lock device, comprising:

a spindle extended through a latch unit for retracting or extending a dead bolt;

5 an inner rose having an inner lever;

an inner lock assembly mounted in the inner rose, and consisted of an actuating press rod, an unlocking cam and an inner actuating wheel which constitute a press-button mechanism, the unlocking cam connected with the inner lever having a tightly assembled relationship, the inner actuating

10 wheel connected with the inner lever having a loose-assembled relationship and driven by the spindle;

an outer rose having an outer lever; and

an outer actuating wheel mounted in the outer rose, and connected with the outer lever;

15 wherein, in locking operation, the actuating press rod is pressed to move a predetermined longitudinal distance to thereby limit rotations of the spindle, the outer actuating wheel and the outer lever;

wherein, in unlocking operation, the inner lever is turned to rotate the unlocking cam and the inner actuating wheel successively, a preceding
20 rotation of the unlocking cam can return the actuating press rod to situate in

unlock stage and a following rotation of the inner actuating wheel to actuate the latch unit for retracting a dead bolt.

2. The bathroom lock device as defined in Claim 1, wherein the actuating press rod includes an unlocking block and the unlocking cam
5 includes at least one lug engaged with the unlocking block in lock stage; in unlocking operation, rotation of the inner lever results in a longitudinal movement of the actuating press rod to return to an unlocking position.

3. The bathroom lock device as defined in Claim 1, wherein the actuating press rod includes a locking block and the inner actuating wheel
10 includes a notch engaged with the locking block in lock stage, thereby limiting the rotations of the spindle, the outer actuating wheel and the outer lever.

4. The bathroom lock device as defined in Claim 1, wherein the actuating press rod includes a releasing groove through which to allow
15 rotation of the inner actuating wheel in unlock stage so that rotations of the spindle and the latch unit are allowed.

5. The bathroom lock device as defined in Claim 1, wherein the actuating press rod includes a connecting shank and the outer rose includes an aperture aligned with the connecting shank when assembled; the aperture
20 allows an appropriated tool to extend through it for actuating the connecting

shank for unlocking operation when the inner lock assembly is inadvertently locked.

6. The bathroom lock device as defined in Claim 5, wherein the actuating press rod includes a press button at its end.

5 7. The bathroom lock device as defined in Claim 1, wherein the actuating press rod includes at least two positioning recessions selectively combined with a clip member, the clip member is mounted in the inner rose and fixed on one of the positioning recessions to ensure the actuating rod located at a locking position or an unlocking position.

10 8. The bathroom lock device as defined in Claim 1, wherein the inner lever connected to a first end of the inner shaft, the inner shaft further has a second end formed with a pair of assembling walls and a pair of slots defined therebetween.

9. The bathroom lock device as defined in Claim 8, wherein the
15 unlocking cam includes an opening and a pair of engaging teeth which are securely connected with the assembling walls and the slots of the inner shaft to form a tightly assembled relationship.

10. The bathroom lock device as defined in Claim 8, wherein the inner actuating wheel includes a pair of curved holes which are loose-fitted with
20 the assembling walls of the inner shaft to form a loose-assembled

relationship that allows an angular movement of the assembling wheels within the curved holes.